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NSLDS II Reengineering Reports Detailed Design: Duplicate Loans Report R-DPOSU-004

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Document Control

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1.0	Initial Issue	11/08/2002	Justin M. Miller
1.1	Updated Format	11/13/2002	Jason Patton

1 Duplicate Loans Report

This design is composed of six reports:

- Duplicate Loans (Different GA, Different Lender) Report (**Section 1.1**)
- Duplicate Loans (Different GA, Same Lender) Report (**Section 1.2**)
- Duplicate Loans (Same GA, Different Lender) Report (**Section 1.3**)
- Duplicate Loans (Same GA, Same Lender) Report (**Section 1.4**)
- Duplicate Loans (Different GA) (**Section 1.5**)
- Duplicate Loans (Same GA) (**Section 1.6**)

1.1 Duplicate Loans (Different GA, Different Lender) Report

1.1.1 Overview

Description	The Duplicate Loans Report provides a listing of loan recipients by loan program for a specified school. This report returns duplicate loans that have a different Guaranty Agency and a different Lender.
User Group	Department of Education -- NSLDS Team in CIO Channel, Operating NSLDS Partner
Data Source	NSLDS II Data Mart
Output Media	Online Viewing, Exportable File
Frequency	On Request
Requirements Traceability	2.154
Comments	<p>This report corresponds to DPOSU #14 – Duplicate Loans query in NSLDS. The original process prior to 12/18/2001 matched pairs of loans on Student Current SSN, Loan Type, Established Date, School (code), Loan Amount, and PLUS Borrower SSN (if necessary – not all loans need have a PLUS Borrower).</p> <p>Four alias tables will be used in the report to create the required self-join of the loan and certification tables. These alias tables will be referred to as “L1” and “L2” to correspond to the Loan table, and “P1” and “P2” to correspond to the PLUS Borrower table.</p> <p>The logical syntax of the SQL ‘WHERE’ clause for this query would look like this:</p> <pre> FROM LOAN A, LOAN B WHERE A.NO = B.NO AND A.STU_NO = B.STU_NO AND A.LOAN_TYPE = B.LOAN_TYPE AND A.AMT = B.AMT AND A.DT = B.DT AND A.CURR_GA_CODE != B.CURR_GA_CODE AND A.CURR_LEN_CODE != B.CURR_LEN_CODE </pre>

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1.1.2 Filter Specifications

Filter	Filter Description	Prompt	Default	Min/Max	Type
GA Code	This filter limits the result set to GA(s) that the user selects to filter on.	Yes	Current Date	Min = 0 Max = 1	Filter Definition Prompt – Qualify on Attribute
Lender Code	This filter limits the result set to lender(s) that the user selects to filter on.	Yes	Current Date	Min = 0 Max = 1	Filter Definition Prompt – Qualify on Attribute
Current Loan Status <> (CA)	This filter limits the result set by the loan status not equal to CA.	No	N/A	N/A	Attribute Qualification
Enter Established Date	This filter limits the result set by loans where the established date is greater than the date entered by the user.	Yes	Current Date	Min = 1 Max = 1	Filter Definition Prompt – Qualify on Attribute
Loan Number, Student Current SSN, Established Date, Loan Type, Loan Amount Self Join	<p>This filter limit the result set to loans that share the same attribute values. This will perform a self-join between the two loan tables, “L1” and “L2”.</p> <p>L1.Student Current SSN = L2.Student Current SSN</p> <p>L1.Established Date = L2.Established Date</p> <p>L1.Loan Type = L2.Loan Type</p> <p>L1.Loan Amount = L2.Loan Amount</p>	No	N/A	N/A	Attribute Qualification
PLUS Borrower Number Self Join	This filter limits the result set to loans that share the same attribute value. This will perform a self-join between the two PLUS Borrower tables, “P1” and “P2”.	No	N/A	N/A	Attribute Qualification

Filter	Filter Description	Prompt	Default	Min/Max	Type
GA Code, Lender Code Un-join	This filter limits the result set to duplicate loans that do not share the same GA Code and Lender Code. L1.GA Code != L2.GA Code L1.Lender Code != L2.Lender Code	No	N/A	N/A	Attribute Qualification

1.1.3 Attribute Specifications

Attribute	EDW Table	EDW Attribute
Guaranty Agency (<i>code</i>)	LOAN	CURR_GA_CODE
Loan Type	LOAN	LOAN_TYPE
School (<i>code</i>)	LOAN	SCH_CODE
School Branch (<i>code</i>)	LOAN	SCH_BR_CODE
Lender	LOAN	CURR_LEN_CODE
Current Loan Status	LOAN	CURR_LOAN_STAT
Current Loan Status Date	LOAN	CURR_LOAN_STAT_DT
Student (<i>ID</i>)	STU	NO
Student (<i>Sequence Number</i>)	STU	SEQ_NO
Loan (<i>ID, Sequence Number, ID Student Sequence Number</i>)	LOAN	NO SEQ_NO ID_STU_SEQ_NO
PLUS Borrower (<i>ID, Sequence Number</i>)	PLUS_BOR	NO SEQ_NO
Loan External ID for GA	LOAN_EXT L_ID	CODE

1.1.4 Metric Specifications

Metric	Metric Description	Subtotal/ Grand Total	EDW Table	EDW Attribute
Loan Amount	This metric is the amount of the loan.	Grand Total	LOAN	AMT
Established Date	This metric is the date the loan was established.	N/A	LOAN	DT
Indicator of Separate Loan	This metric distinguishes separate loans.	N/A	LOAN	FFEL_DUP_ID
Cumulative Disbursement Amount	This metric is the total disbursement amount of the loan.	Grand Total	LOAN	TOT_DIS
Disbursement Date	This metric captures the date of latest disbursement.	N/A	LOAN	CURR_DIS_DT
Outstanding Principal Balance	This metric is the outstanding principal balance of the loan.	Grand Total	LOAN	OUT_PRIN_BAL
Outstanding Principal Balance Date	This metric is the date of the latest outstanding principal balance.	N/A	LOAN	OUT_PRIN_BAL_DT
Potential Duplicate Pairs Count	This metric counts the number of loans that meet criteria for a potential duplicate pair.	Grand Total	LOAN	NO SEQ_NO ID_STU_SEQ_NO

1.1.5 Hierarchies for Drilling

No drilling options identified for this report.

1.2 Duplicate Loans (Different GA, Same Lender) Report

1.2.1 Overview

Description	The Duplicate Loans Report provides a listing of loan recipients by loan program for a specified school. This report returns duplicate loans that have a different Guaranty Agency and same Lender.
User Group	Department of Education -- NSLDS Team in CIO Channel, Operating NSLDS Partner
Data Source	NSLDS II Data Mart
Output Media	Online Viewing, Exportable File
Frequency	On Request
Requirements Traceability	2.154
Comments	<p>This report corresponds to DPOSU #14 query in NSLDS. The original process prior to 12/18/2001 matched pairs of loans on Student Current SSN, Loan Type, Established Date, School (code), Loan Amount, and PLUS Borrower SSN (if necessary – not all loans need have a PLUS Borrower).</p> <p>Four alias tables will be used in the report to create the required self-join of the loan and certification tables. These alias tables will be referred to as “L1” and “L2” to correspond to the Loan table, and “P1” and “P2” to correspond to the PLUS Borrower table.</p> <p>The logical syntax of the SQL ‘WHERE’ clause for this query would look like this:</p> <pre> FROM LOAN A, LOAN B WHERE A.NO = B.NO AND A.STU_NO = B.STU_NO AND A.LOAN_TYPE = B.LOAN_TYPE AND A.AMT = B.AMT AND A.DT = B.DT AND A.CURR_GA_CODE != B.CURR_GA_CODE AND A.CURR_LEN_CODE = B.CURR_LEN_CODE </pre>

1.2.2 Filter Specifications

Filter	Filter Description	Prompt	Default	Min/Max	Type
GA Code	This filter limits the result set to GA(s) that the user selects to filter on.	Yes	Current Date	Min = 0 Max = 1	Filter Definition Prompt – Qualify on Attribute

Filter	Filter Description	Prompt	Default	Min/Max	Type
Lender Code	This filter limits the result set to lender(s) that the user selects to filter on.	Yes	Current Date	Min = 0 Max = 1	Filter Definition Prompt – Qualify on Attribute
Current Loan Status <> (CA)	This filter limits the result set by the loan status not equal to CA.	No	N/A	N/A	Attribute Qualification
Enter Established Date	This filter limits the result set by loans where the established date is greater than the date entered by the user.	Yes	Current Date	Min = 1 Max = 1	Filter Definition Prompt – Qualify on Attribute
Loan Number, Student Current SSN, Established Date, Loan Type, Loan Amount Self Join	This filter limit the result set to loans that share the same attribute values. This will perform a self-join between the two loan tables, “L1” and “L2”. L1.Student Current SSN = L2.Student Current SSN L1.Established Date = L2.Established Date L1.Loan Type = L2.Loan Type L1.Loan Amount = L2.Loan Amount	No	N/A	N/A	Attribute Qualification
PLUS Borrower Number Self Join	This filter limits the result set to loans that share the same attribute value. This will perform a self-join between the two PLUS Borrower tables, “P1” and “P2”.	No	N/A	N/A	Attribute Qualification
GA Code, Lender Code Un-join	This filter limits the result set to duplicate loans that do not share the same GA Code but share the same Lender Code. L1.GA Code != L2.GA Code L1.Lender Code = L2.Lender Code	No	N/A	N/A	Attribute Qualification

1.2.3 Attribute Specifications

Attribute	EDW Table	EDW Attribute
Guaranty Agency (<i>code</i>)	LOAN	CURR_GA_CODE
Loan Type	LOAN	LOAN_TYPE
School (<i>code</i>)	LOAN	SCH_CODE
School Branch (<i>code</i>)	LOAN	SCH_BR_CODE
Lender	LOAN	CURR_LEN_CODE
Current Loan Status	LOAN	CURR_LOAN_STAT
Current Loan Status Date	LOAN	CURR_LOAN_STAT_DT
Student (<i>ID</i>)	STU	NO
Student (<i>Sequence Number</i>)	STU	SEQ_NO
Loan (<i>ID, Sequence Number, ID Student Sequence Number</i>)	LOAN	NO SEQ_NO ID_STU_SEQ_NO
PLUS Borrower (<i>ID, Sequence Number</i>)	PLUS_BOR	NO SEQ_NO
Loan External ID for GA	LOAN_EXT L_ID	CODE

1.2.4 Metric Specifications

Metric	Metric Description	Subtotal/ Grand Total	EDW Table	EDW Attribute
Loan Amount	This metric is the amount of the loan.	Grand Total	LOAN	AMT
Established Date	This metric is the date the loan was established.	N/A	LOAN	DT
Indicator of Separate Loan	This metric distinguishes separate loans.	N/A	LOAN	FFEL_DUP_ID

Metric	Metric Description	Subtotal/ Grand Total	EDW Table	EDW Attribute
Cumulative Disbursement Amount	This metric is the total disbursement amount of the loan.	Grand Total	LOAN	TOT_DIS
Disbursement Date	This metric captures the date of latest disbursement.	N/A	LOAN	CURR_DIS_DT
Outstanding Principal Balance	This metric is the outstanding principal balance of the loan.	Grand Total	LOAN	OUT_PRIN_BAL
Outstanding Principal Balance Date	This metric is the date of the latest outstanding principal balance.	N/A	LOAN	OUT_PRIN_BAL_DT
Potential Duplicate Pairs Count	This metric counts the number of loans that meet criteria for a potential duplicate pair.	Grand Total	LOAN	NO SEQ_NO ID_STU_SEQ_NO

1.2.5 Hierarchies for Drilling

No drilling options identified for this report.

1.3 Duplicate Loans (Same GA, Different Lender) Report

1.3.1 Overview

Description	The Duplicate Loans Report provides a listing of loan recipients by loan program for a specified school. This report returns duplicate loans that have the same Guaranty Agency but different Lenders.
User Group	Department of Education -- NSLDS Team in CIO Channel, Operating NSLDS Partner
Data Source	NSLDS II Data Mart
Output Media	Online Viewing, Exportable File
Frequency	On Request
Requirements Traceability	2.154
Comments	<p>This report corresponds to DPOSU 14 query in NSLDS. The original process prior to 12/18/2001 matched pairs of loans on Student Current SSN, Loan Type, Established Date, School (code), Loan Amount, and PLUS Borrower SSN (if necessary – not all loans need have a PLUS Borrower).</p> <p>Four alias tables will be used in the report to create the required self-join of the loan and certification tables. These alias tables will be referred to as “L1” and “L2” to correspond to the Loan table, and “P1” and “P2” to correspond to the PLUS Borrower table.</p> <p>The logical syntax of the SQL ‘where’ clause for this query would look like this:</p> <pre> FROM LOAN A, LOAN B WHERE A.NO = B.NO AND A.STU_NO = B.STU_NO AND A.LOAN_TYPE = B.LOAN_TYPE AND A.AMT = B.AMT AND A.DT = B.DT AND A.CURR_GA_CODE = B.CURR_GA_CODE AND A.CURR_LEN_CODE != B.CURR_LEN_CODE </pre>

1.3.2 Filter Specifications

Filter	Filter Description	Prompt	Default	Min/Max	Type
GA Code	This filter limits the result set to GA(s) that the user selects to filter on.	Yes	Current Date	Min = 0 Max = 1	Filter Definition Prompt – Qualify on Attribute

Filter	Filter Description	Prompt	Default	Min/Max	Type
Lender Code	This filter limits the result set to lender(s) that the user selects to filter on.	Yes	Current Date	Min = 0 Max = 1	Filter Definition Prompt – Qualify on Attribute
Current Loan Status (CA)	This filter limits the result set by the loan status of: CA.	No	N/A	N/A	Attribute Qualification
Enter Established Date	This filter limits the result set by loans where the established date is greater than the date entered by the user.	Yes	Current Date	Min = 1 Max = 1	Filter Definition Prompt – Qualify on Attribute
Loan Number, Student Current SSN, Established Date, Loan Type, Loan Amount Self Join	This filter limit the result set to loans that share the same attribute values. This will perform a self-join between the two loan tables, “L1” and “L2”. L1.Student Current SSN = L2.Student Current SSN L1.Established Date = L2.Established Date L1.Loan Type = L2.Loan Type L1.Loan Amount = L2.Loan Amount	No	N/A	N/A	Attribute Qualification
PLUS Borrower Number Self Join	This filter limits the result set to loans that share the same attribute value. This will perform a self-join between the two PLUS Borrower tables, “P1” and “P2”.	No	N/A	N/A	Attribute Qualification
GA Code, Lender Code Un-join	This filter limits the result set to duplicate loans that share the same GA Code but not the same Lender Code. L1.GA Code = L2.GA Code L1.Lender Code != L2.Lender Code	No	N/A	N/A	Attribute Qualification

1.3.3 Attribute Specifications

Attribute	EDW Table	EDW Attribute
Student Current SSN	STU	CURR_SSN
Student Current First Name	STU	CURR_FST
Student Current Last Name	STU	CURR_LST
Student DOB	STU	DOB
Guaranty Agency (<i>code</i>)	LOAN	CURR_GA_CODE
Loan Type	LOAN	LOAN_TYPE
Indicator of Separate Loan	LOAN	FFEL_DUP_IND
Current Loan Status	LOAN	CURR_LOAN_STAT
Current Loan Status Date	LOAN	CURR_LOAN_STAT_DT
School (<i>code</i>)	LOAN	SCH_CODE
School Branch (<i>code</i>)	LOAN	SCH_BR_CODE
Lender	LOAN	CURR_LEN_CODE
PLUS Borrower Current SSN	PLUS_BOR	NO
PLUS Borrower Current First Name	PLUS_BOR	CURR_FST
PLUS Borrower Current Last Name	PLUS_BOR	CURR_LST
Loan External ID for GA	LOAN_EXT L_ID	CODE

1.3.4 Metric Specifications

Metric	Metric Description	Subtotal/ Grand Total	EDW Table	EDW Attribute
Loan Amount	This metric is the amount of the loan.	Grand Total	LOAN	AMT
Established Date	This metric captures the date the loan was established.	N/A	LOAN	DT

Metric	Metric Description	Subtotal/ Grand Total	EDW Table	EDW Attribute
Cumulative Disbursement Amount	This metric is the total disbursement amount of the loan.	Grand Total	LOAN	TOT_DIS
Disbursement Date	This metric captures the date of latest disbursement.	N/A	LOAN	CURR_DIS_DT
Outstanding Principal Balance	This metric is the outstanding principal balance of the loan.	Grand Total	LOAN	OUT_PRIN_BAL
Outstanding Principal Balance Date	This metric is the date of the latest outstanding principal balance.	N/A	LOAN	OUT_PRIN_BAL_DT
Potential Duplicate Pairs Count	This metric counts the number of loans that meet criteria for a potential duplicate pair.	Grand Total	LOAN	NO SEQ_NO ID_STU_SEQ_NO

1.3.5 Hierarchies for Drilling

No drilling options identified for this report.

1.4 Duplicate Loans (Same GA, Same Lender) Report

1.4.1 Overview

Description	The Duplicate Loans Report provides a listing of loan recipients by loan program for a specified school. This report returns duplicate loans that have the same Guaranty Agency and same Lenders.
User Group	Department of Education -- NSLDS Team in CIO Channel, Operating NSLDS Partner
Data Source	NSLDS II Data Mart
Output Media	Online Viewing, Exportable File
Frequency	On Request
Requirements Traceability	2.154
Comments	<p>This report corresponds to DPOSU 14 query in NSLDS. The original process prior to 12/18/2001 matched pairs of loans on Student Current SSN, Loan Type, Established Date, School (code), Loan Amount, and PLUS Borrower SSN (if necessary – not all loans need have a PLUS Borrower).</p> <p>Four alias tables will be used in the report to create the required self-join of the loan and certification tables. These alias tables will be referred to as “L1” and “L2” to correspond to the Loan table, and “P1” and “P2” to correspond to the PLUS Borrower table.</p> <p>The logical syntax of the SQL ‘WHERE’ clause for this query would look like this:</p> <pre> FROM LOAN A, LOAN B WHERE A.NO = B.NO AND A.STU_NO = B.STU_NO AND A.LOAN_TYPE = B.LOAN_TYPE AND A.AMT = B.AMT AND A.DT = B.DT AND A.CURR_GA_CODE = B.CURR_GA_CODE AND A.CURR_LEN_CODE = B.CURR_LEN_CODE </pre>

1.4.2 Filter Specifications

Filter	Filter Description	Prompt	Default	Min/Max	Type
GA Code	This filter limits the result set to GA(s) that the user selects to filter on.	Yes	Current Date	Min = 1 Max = 1	Filter Definition Prompt – Qualify on Attribute

Filter	Filter Description	Prompt	Default	Min/Max	Type
Lender Code	This filter limits the result set to lender(s) that the user selects to filter on.	Yes	Current Date	Min = 1 Max = 1	Filter Definition Prompt – Qualify on Attribute
Current Loan Status (CA)	This filter limits the result set by the loan status of: CA.	No	N/A	N/A	Attribute Qualification
Enter Established Date	This filter limits the result set by loans where the established date is greater than the date entered by the user.	Yes	Current Date	Min = 1 Max = 1	Filter Definition Prompt – Qualify on Attribute
Loan Number, Student Current SSN, Established Date, Loan Type, Loan Amount Self Join	This filter limit the result set to loans that share the same attribute values. This will perform a self-join between the two loan tables, “L1” and “L2”. L1.Student Current SSN = L2.Student Current SSN L1.Established Date = L2.Established Date L1.Loan Type = L2.Loan Type L1.Loan Amount = L2.Loan Amount	No	N/A	N/A	Attribute Qualification
PLUS Borrower Number Self Join	This filter limits the result set to loans that share the same attribute value. This will perform a self-join between the two PLUS Borrower tables, “P1” and “P2”.	No	N/A	N/A	Attribute Qualification
GA Code, Lender Code Un-join	This filter limits the result set to duplicate loans that share the same GA Code and same Lender Code. L1.GA Code = L2.GA Code L1.Lender Code = L2.Lender Code	No	N/A	N/A	Attribute Qualification

1.4.3 Attribute Specifications

Attribute	EDW Table	EDW Attribute
Student Current SSN	STU	CURR_SSN
Student Current First Name	STU	CURR_FST
Student Current Last Name	STU	CURR_LST
Student DOB	STU	DOB
Guaranty Agency (<i>code</i>)	LOAN	CURR_GA_CODE
Loan Type	LOAN	LOAN_TYPE
Indicator of Separate Loan	LOAN	FFEL_DUP_IND
Current Loan Status	LOAN	CURR_LOAN_STAT
Current Loan Status Date	LOAN	CURR_LOAN_STAT_DT
School (<i>code</i>)	LOAN	SCH_CODE
School Branch (<i>code</i>)	LOAN	SCH_BR_CODE
Lender	LOAN	CURR_LEN_CODE
PLUS Borrower Current SSN	PLUS_BOR	NO
PLUS Borrower Current First Name	PLUS_BOR	CURR_FST
PLUS Borrower Current Last Name	PLUS_BOR	CURR_LST
Loan External ID for GA	LOAN_EXT L_ID	CODE

1.4.4 Metric Specifications

Metric	Metric Description	Subtotal/ Grand Total	EDW Table	EDW Attribute
Loan Amount	This metric is the amount of the loan.	Grand Total	LOAN	AMT
Established Date	This metric captures the date the loan was established.	N/A	LOAN	DT
Cumulative Disbursement Amount	This metric is the total disbursement amount of the loan.	Grand Total	LOAN	TOT_DIS

Metric	Metric Description	Subtotal/ Grand Total	EDW Table	EDW Attribute
Disbursement Date	This metric captures the date of latest disbursement.	N/A	LOAN	CURR_DIS_DT
Outstanding Principal Balance	This metric is the outstanding principal balance of the loan.	Grand Total	LOAN	OUT_PRIN_BAL
Outstanding Principal Balance Date	This metric is the date of the latest outstanding principal balance.	N/A	LOAN	OUT_PRIN_BAL_DT
Potential Duplicate Pairs Count	This metric counts the number of loans that meet criteria for a potential duplicate pair.	Grand Total	LOAN	NO SEQ_NO ID_STU_SEQ_NO

1.4.5 Hierarchies for Drilling

No drilling options identified for this report.

1.5 Duplicate Loans (Different GA) Report

1.5.1 Overview

Description	The Duplicate Loans Report provides a listing of loan recipients by loan program for a specified school. This report returns duplicate loans that have the different GAs.
User Group	Department of Education -- NSLDS Team in CIO Channel, Operating NSLDS Partner
Data Source	NSLDS II Data Mart
Output Media	Online Viewing, Exportable File
Frequency	On Request
Requirements Traceability	2.154
Comments	<p>This report corresponds to DPOSU 14 query in NSLDS. The original process prior to 12/18/2001 matched pairs of loans on Student Current SSN, Loan Type, Established Date, School (code), Loan Amount, and PLUS Borrower SSN (if necessary – not all loans need have a PLUS Borrower).</p> <p>Four alias tables will be used in the report to create the required self-join of the loan and certification tables. These alias tables will be referred to as “L1” and “L2” to correspond to the Loan table, and “P1” and “P2” to correspond to the PLUS Borrower table.</p> <p>The logical syntax of the SQL ‘WHERE’ clause for this query would look like this:</p> <pre> FROM LOAN A, LOAN B WHERE A.NO = B.NO AND A.STU_NO = B.STU_NO AND A.LOAN_TYPE = B.LOAN_TYPE AND A.AMT = B.AMT AND A.DT = B.DT AND A.CURR_GA_CODE != B.CURR_GA_CODE </pre>

1.5.2 Filter Specifications

Filter	Filter Description	Prompt	Default	Min/Max	Type
GA Code	This filter limits the result set to GA(s) that the user selects to filter on.	Yes	Current Date	Min = 0 Max = 1	Filter Definition Prompt – Qualify on Attribute

Filter	Filter Description	Prompt	Default	Min/Max	Type
Current Loan Status <> (CA)	This filter limits the result set by the loan status not equal to CA.	No	N/A	N/A	Attribute Qualification
Enter Established Date	This filter limits the result set by loans where the established date is greater than the date entered by the user.	Yes	Current Date	Min = 1 Max = 1	Filter Definition Prompt – Qualify on Attribute
Loan Number, Student Current SSN, Established Date, Loan Type, Loan Amount Self Join	This filter limit the result set to loans that share the same attribute values. This will perform a self-join between the two loan tables, “L1” and “L2”. L1.Student Current SSN = L2.Student Current SSN L1.Established Date = L2.Established Date L1.Loan Type = L2.Loan Type L1.Loan Amount = L2.Loan Amount	No	N/A	N/A	Attribute Qualification
PLUS Borrower Number Self Join	This filter limits the result set to loans that share the same attribute value. This will perform a self-join between the two PLUS Borrower tables, “P1” and “P2”.	No	N/A	N/A	Attribute Qualification
GA Code Un-join	This filter limits the result set to duplicate loans that do not share the same GA Code L1.GA Code = L2.GA Code	No	N/A	N/A	Attribute Qualification

1.5.3 Attribute Specifications

Attribute	EDW Table	EDW Attribute
Guaranty Agency (code)	LOAN	CURR_GA_CODE
Loan Type	LOAN	LOAN_TYPE
School (code)	LOAN	SCH_CODE

Attribute	EDW Table	EDW Attribute
School Branch (<i>code</i>)	LOAN	SCH_BR_CODE
Lender	LOAN	CURR_LEN_CODE
Current Loan Status	LOAN	CURR_LOAN_STAT
Current Loan Status Date	LOAN	CURR_LOAN_STAT_DT
Student (<i>ID</i>)	STU	NO
Student (<i>Sequence Number</i>)	STU	SEQ_NO
Loan (<i>ID, Sequence Number, ID Student Sequence Number</i>)	LOAN	NO SEQ_NO ID_STU_SEQ_NO
PLUS Borrower (<i>ID, Sequence Number</i>)	PLUS_BOR	NO SEQ_NO
Loan External ID for GA	LOAN_EXT L_ID	CODE

1.5.4 Metric Specifications

Metric	Metric Description	Subtotal/ Grand Total	EDW Table	EDW Attribute
Loan Amount	This metric is the amount of the loan.	Grand Total	LOAN	AMT
Established Date	This metric is the date the loan was established.	N/A	LOAN	DT
Indicator of Separate Loan	This metric distinguishes separate loans.	N/A	LOAN	FFEL_DUP_ID
Cumulative Disbursement Amount	This metric is the total disbursement amount of the loan.	Grand Total	LOAN	TOT_DIS
Disbursement Date	This metric captures the date of latest disbursement.	N/A	LOAN	CURR_DIS_DT
Outstanding Principal Balance	This metric is the outstanding principal balance of the loan.	Grand Total	LOAN	OUT_PRIN_BAL

Metric	Metric Description	Subtotal/ Grand Total	EDW Table	EDW Attribute
Outstanding Principal Balance Date	This metric is the date of the latest outstanding principal balance.	N/A	LOAN	OUT_PRIN_BAL_DT
Potential Duplicate Pairs Count	This metric counts the number of loans that meet criteria for a potential duplicate pair.	Grand Total	LOAN	NO SEQ_NO ID_STU_SEQ_NO

1.6 Duplicate Loans (Same GA) Report

1.6.1 Overview

Description	The Duplicate Loans Report provides a listing of loan recipients by loan program for a specified school. This report returns duplicate loans that have the same GAs.
User Group	Department of Education -- NSLDS Team in CIO Channel, Operating NSLDS Partner
Data Source	NSLDS II Data Mart
Output Media	Online Viewing, Exportable File
Frequency	On Request
Requirements Traceability	2.154
Comments	<p>This report corresponds to DPOSU 14 query in NSLDS. The original process prior to 12/18/2001 matched pairs of loans on Student Current SSN, Loan Type, Established Date, School (code), Loan Amount, and PLUS Borrower SSN (if necessary – not all loans need have a PLUS Borrower).</p> <p>Four alias tables will be used in the report to create the required self-join of the loan and certification tables. These alias tables will be referred to as “L1” and “L2” to correspond to the Loan table, and “P1” and “P2” to correspond to the PLUS Borrower table.</p> <p>The logical syntax of the SQL ‘WHERE’ clause for this query would look like this:</p> <pre> FROM LOAN A, LOAN B WHERE A.NO = B.NO AND A.STU_NO = B.STU_NO AND A.LOAN_TYPE = B.LOAN_TYPE AND A.AMT = B.AMT AND A.DT = B.DT AND A.CURR_GA_CODE = B.CURR_GA_CODE </pre>

1.6.2 Filter Specifications

Filter	Filter Description	Prompt	Default	Min/Max	Type
GA Code	This filter limits the result set to GA(s) that the user selects to filter on.	Yes	Current Date	Min = 0 Max = 1	Filter Definition Prompt – Qualify on Attribute

Filter	Filter Description	Prompt	Default	Min/Max	Type
Current Loan Status <> (CA)	This filter limits the result set by the loan status not equal to CA.	No	N/A	N/A	Attribute Qualification
Enter Established Date	This filter limits the result set by loans where the established date is greater than the date entered by the user.	Yes	Current Date	Min = 1 Max = 1	Filter Definition Prompt – Qualify on Attribute
Loan Number, Student Current SSN, Established Date, Loan Type, Loan Amount Self Join	This filter limit the result set to loans that share the same attribute values. This will perform a self-join between the two loan tables, “L1” and “L2”. L1.Student Current SSN = L2.Student Current SSN L1.Established Date = L2.Established Date L1.Loan Type = L2.Loan Type L1.Loan Amount = L2.Loan Amount	No	N/A	N/A	Attribute Qualification
PLUS Borrower Number Self Join	This filter limits the result set to loans that share the same attribute value. This will perform a self-join between the two PLUS Borrower tables, “P1” and “P2”.	No	N/A	N/A	Attribute Qualification
GA Code Un-join	This filter limits the result set to duplicate loans that share the same GA Code L1.GA Code != L2.GA Code	No	N/A	N/A	Attribute Qualification

1.6.3 Attribute Specifications

Attribute	EDW Table	EDW Attribute
Guaranty Agency (code)	LOAN	CURR_GA_CODE
Loan Type	LOAN	LOAN_TYPE
School (code)	LOAN	SCH_CODE

Attribute	EDW Table	EDW Attribute
School Branch (<i>code</i>)	LOAN	SCH_BR_CODE
Lender	LOAN	CURR_LEN_CODE
Current Loan Status	LOAN	CURR_LOAN_STAT
Current Loan Status Date	LOAN	CURR_LOAN_STAT_DT
Student (<i>ID</i>)	STU	NO
Student (<i>Sequence Number</i>)	STU	SEQ_NO
Loan (<i>ID, Sequence Number, ID Student Sequence Number</i>)	LOAN	NO SEQ_NO ID_STU_SEQ_NO
PLUS Borrower (<i>ID, Sequence Number</i>)	PLUS_BOR	NO SEQ_NO
Loan External ID for GA	LOAN_EXT L_ID	CODE

1.6.4 Metric Specifications

Metric	Metric Description	Subtotal/ Grand Total	EDW Table	EDW Attribute
Loan Amount	This metric is the amount of the loan.	Grand Total	LOAN	AMT
Established Date	This metric is the date the loan was established.	N/A	LOAN	DT
Indicator of Separate Loan	This metric distinguishes separate loans.	N/A	LOAN	FFEL_DUP_ID
Cumulative Disbursement Amount	This metric is the total disbursement amount of the loan.	Grand Total	LOAN	TOT_DIS
Disbursement Date	This metric captures the date of latest disbursement.	N/A	LOAN	CURR_DIS_DT
Outstanding Principal Balance	This metric is the outstanding principal balance of the loan.	Grand Total	LOAN	OUT_PRIN_BAL

Metric	Metric Description	Subtotal/ Grand Total	EDW Table	EDW Attribute
Outstanding Principal Balance Date	This metric is the date of the latest outstanding principal balance.	N/A	LOAN	OUT_PRIN_BAL_DT
Potential Duplicate Pairs Count	This metric counts the number of loans that meet criteria for a potential duplicate pair.	Grand Total	LOAN	NO SEQ_NO ID_STU_SEQ_NO